

TOP SECRET

*Bissell has
this done July 31!
no trouble with it*

29 July 1957

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MEMORANDUM FOR: Mr. Richard M. Bissell, jr.

SUBJECT : Review of Implementation of CIA Responsibilities
Under Technological Capabilities Panel

REFERENCE : Memorandum for the NSC, January 2, 1957, from
its Executive Secretary, Subject: Recommendations
of the Report to the President by the Technological
Capabilities Panel of the Science Advisory
Committee, ODM: Follow-up Study

1. Referenced memorandum contains the following action,
approved by the President:

"Noted that the departments and agencies
will conduct special periodic reviews of the
areas of the TCP Report falling within their
responsibilities to identify problems for
special study where new intelligence or new
technological advances alter our vulnerability
to surprise attack."

2. This office has obtained from the responsible offices the
following status reports. The pertinent TCP recommendation is quoted
first in each case for your information.

NSC Action No. 1430-g: "Examination of Peripheral
War Problem: With respect to General Recommendation 11:

(1) Noted that the proposal for a study of
techniques and weapons technology for peripheral
wars is being implemented through a study by the
Weapons Systems Evaluation Group and through a
study under a CIA contract."

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Specific Recommendation C.4:

"We need to examine intelligence data more broadly, or to invent some new technique, for the discovery of hoaxes. As a first step, we recommend a National Intelligence Estimate, with adequate safeguards, of our success in keeping secret our most useful techniques of intelligence. This estimate would suggest the extent to which an enemy might be manipulating the information obtained through these sources."

Status:

On 28 May 1957 the IAC approved the NIE on this subject, NIE 100-2-57, Soviet Capabilities for Deception. Bill Bundy, DAD/NE, states that the DCI "evinced pleasure when he had finished reading it from stem to stern" and that Dr. Land had approved.)

Specific Recommendation C.9:

"The growing principles and technology of information retrieval will advance and may revolutionize the handling of large masses of intelligence data. Their application should be sought out more actively."

Status:

The AD/OCR reports as follows:

"1. Through the mechanism of the IAC Ad Hoc Committee on Information Processing (AHIP) and its Working Group on Equipment Research, the Office of Central Reference has continued its investigation into new equipment and methods which might offer advances in documentation techniques. The Eastman Kodak Minicard equipment presents advantages in this field and Minicard cameras have already been installed in the Office of Central Reference and the Directorate of Intelligence, USAF.

2. New developments in data processing equipment by IBM, RCA and Magnavox may also have considerable impact on information processing technology; CIA/OCR is in continuing contact with these firms and is watching

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their progress. The Deputy Director/Plans has contracted with IBM for a systems study to determine the extent to which mechanization can be applied to the storage and indexing of counter espionage and operational information held by RI/FI.

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Specific Recommendation C.6:

"There are generally recognized technical and administrative problems in the field of ELINT (electronic noise listening). This situation urgently needs attention. A combination of technical knowledge and adequate authority at a high level is required."

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Status:

(Ralph Clark, ELINT Staff Officer, summarizes as follows:)

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REPLY*

"The mechanism for cooperation and coordination contemplated by NSCID-17 and the implementing Department of Defense Directive is making substantial progress. ELINT analysis is improving. There is need for increased technical support and further clarification of authority at high level if the maximum potential in the field of ELINT is to be realized."

(A separate additional report is available. This report is classified in addition to TOP SECRET.)

Specific Recommendation C.3:

"We must find ways to increase the number of hard facts upon which our intelligence estimates are based, to provide better strategic warning, to minimize surprise in the kind of attack, and to reduce the danger of gross over-estimation or gross under-estimation of the threat. To this end, we recommend adoption of a vigorous program for the extensive use, in many intelligence procedures, of the most advanced knowledge in science and technology."

Status:

ACQUAINTANCE

I have discussed this Recommendation with you.

3. No further action by you is recommended.

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*See summary
attached
in last report
date April 9, 1956*

JAMES Q. REBER
Office of the Director
Planning and Coordination Staff

PCS/DCI:WRL/dc

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